

Area	SqFt	Acres
As-1	9797.28	0.22
As-2	3557.01	0.08
As-3	29683.48	0.68
As-4	1495.11	0.03

- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area

Footprint of Remedial Action

Parcel (Newark, Oct 2017)

RI Soil Boring

Historical Sample

Result Not Detected

Detection Below ARAR/PRG

Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

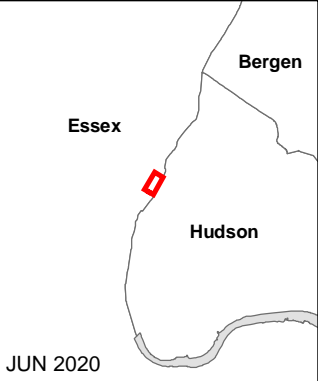




Figure A-1

Site-Wide Soil Sampling Results for

Soil Alternatives: Arsenic

Riverside Industrial Park Superfund Site

Essex County, New Jersey



Louis Berger

0

100

200

Feet



Area	SqFt	Acres
Cu-1	5,743.13	0.13
Cu-2	4,433.10	0.10
Cu-3	2,438.08	0.06
Cu-4	2,091.23	0.05

Structure

- Existing
- Demolished/Partially Demolished
- UST
- Former Soil Mound

Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action

● RI Soil Boring

▲ Historical Sample

■ Result Not Detected

■ Detection Below ARAR/PRG

■ Detection Exceeds ARAR/PRG

Sources:

2020 "ArcGIS Map Service, Bing Aerial Photography"

2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"

2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:

1. Field Duplicate and Parent Sample Concentrations were averaged.

2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

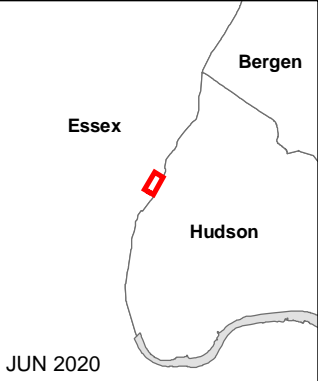
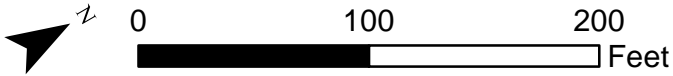
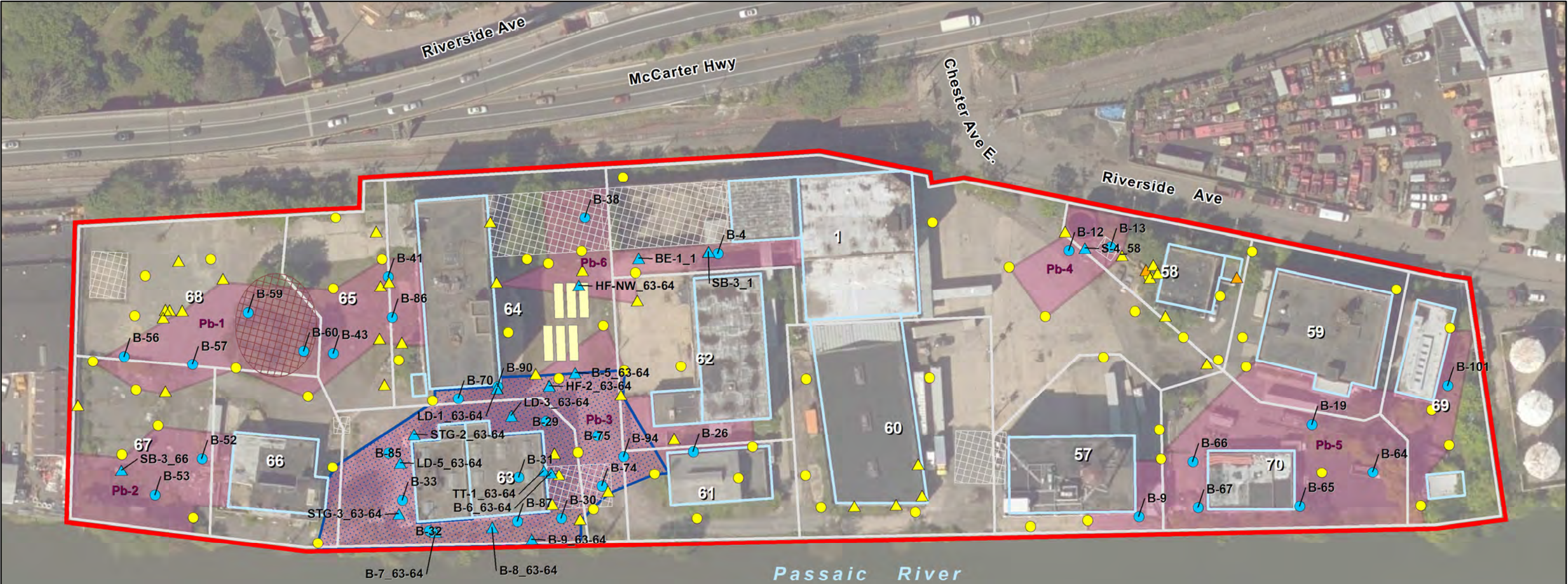


Figure A-2
Site-Wide Soil Sampling Results for
Soil Alternatives: Copper
Riverside Industrial Park Superfund Site
Essex County, New Jersey

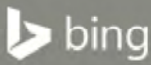


Louis Berger





Area	SqFt	Acres
Pb-1	18,516.69	0.43
Pb-2	9,187.38	0.21
Pb-3	26,921.45	0.62
Pb-4	4,740.73	0.11
Pb-5	26,631.58	0.61
Pb-6	9,187.91	0.21



- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action

Footprint of Soil Alternative 4 for Lead Removal
- RI Soil Boring

Historical Sample

Result Not Detected

Detection Below ARAR/PRG

Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.



Figure A-3

Site-Wide Soil Sampling Results for

Soil Alternatives: Lead

Riverside Industrial Park Superfund Site

Essex County, New Jersey

0

100

200

Feet



Structure

- Existing
- Demolished/Partially Demolished
- UST
- Former Soil Mound

Study Area

- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

- RI Soil Boring
- Historical Sample
- Non-Detect
- Detection Below ARAR/PRG
- Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

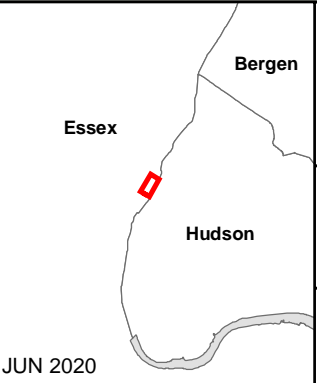
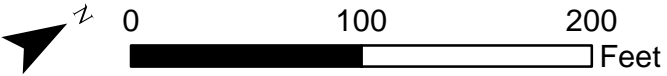


Figure A-4
Site-Wide Sample Results for
Soil Alternatives: Benzo(a)anthracene
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





Structure

- Existing
- Demolished/Partially Demolished
- UST
- Former Soil Mound

Study Area

- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

- RI Soil Boring
- Historical Sample
- Non-Detect
- Detection Below ARAR/PRG
- Detection Exceeds ARAR/PRG

Sources:

2020 "ArcGIS Map Service, Bing Aerial Photography"

2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"

2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:

1. Field Duplicate and Parent Sample Concentrations were averaged.

2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

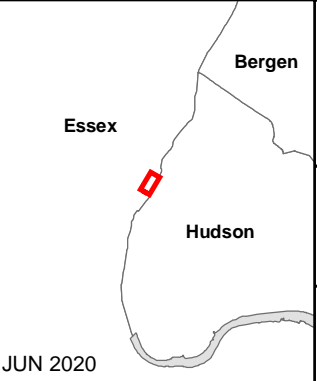
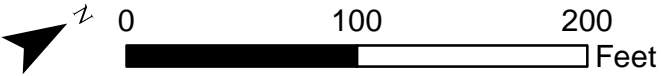


Figure A-5
Site-Wide Soil Sampling Results for
Soil Alternatives: Benzo(a)pyrene
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





- Structure
- Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound

- Study
- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

- RI Soil Boring
- Historical Sample
- Result Not Detected
- Detection Below ARAR/PRG
- Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

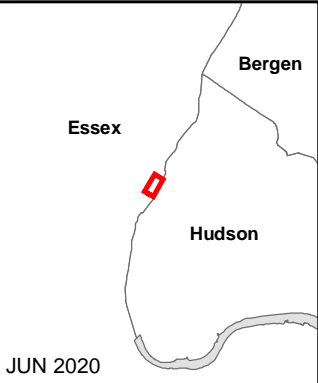


Figure A-6
Site-Wide Sampling Results for
Soil Alternatives: Benzo(b)fluoranthene
Riverside Industrial Park Superfund Site
Essex County, New Jersey

0 100 200 Feet



Area	SqFt	Acres
D(a,h)A-1	2,558.98	0.06
D(a,h)A-2	4,020.10	0.09

Structure

- Existing
- Demolished/Partially Demolished
- UST
- Former Soil Mound

Study Area

- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

- RI Soil Boring
- Historical Sample
- Non-Detect
- Detection Below ARAR/PRG
- Detection Exceeds ARAR/PRG

Sources:

2020 "ArcGIS Map Service, Bing Aerial Photography"

2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"

2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:

1. Field Duplicate and Parent Sample Concentrations were averaged.

2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.





Figure A-7

Site-Wide Sample Results for

Soil Alternatives: Dibenzo(a,h)anthracene

Riverside Industrial Park Superfund Site

Essex County, New Jersey

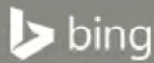


Louis Berger

0 100 200 Feet



Area	SqFt	Acres
PCB-1	3,661.67	0.08
PCB-2	3,311.66	0.08
PCB-3	7,001.54	0.16
PCB-4	10,318.49	0.24



Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound

Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action

RI Soil Boring

Historical Sample

Result Not Detected

Detection Below ARAR/PRG

Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

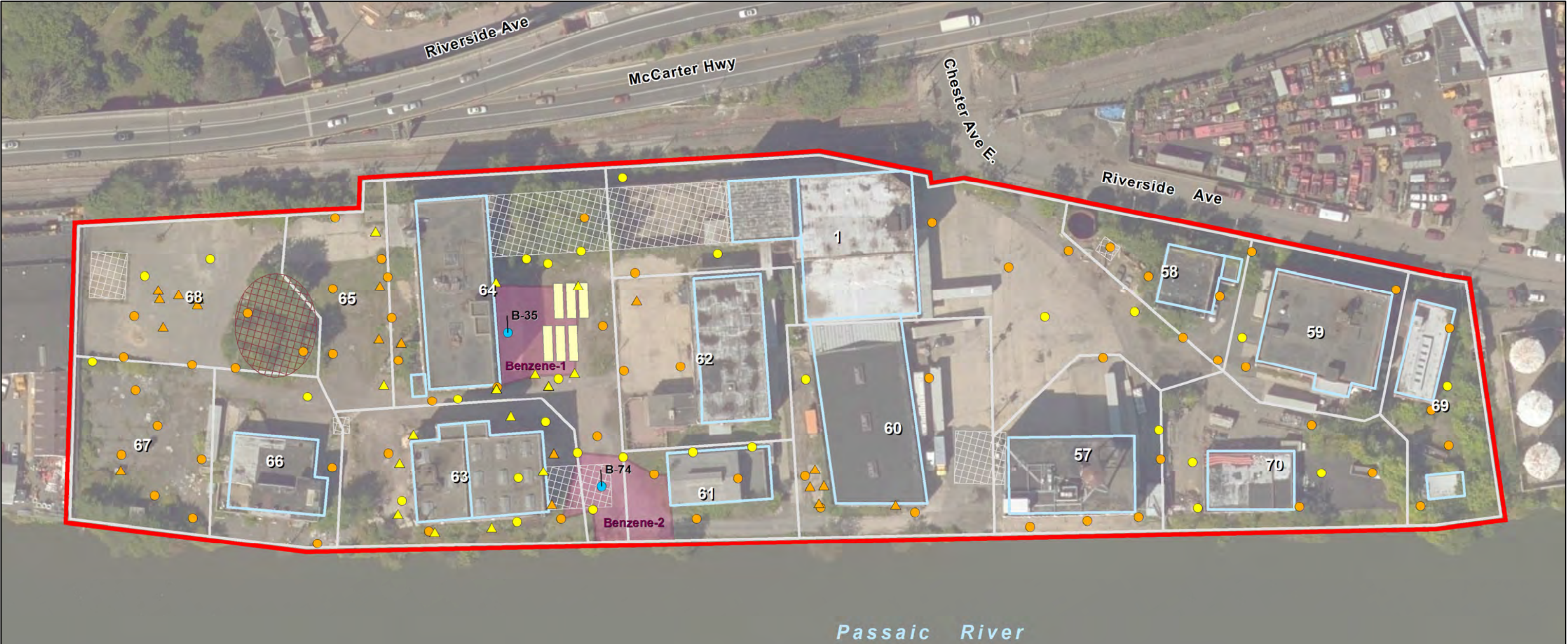
Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.
3. Total PCBs calculation is consistent with the BHHRA.



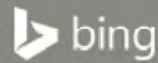
Figure A-8

Site-Wide Sampling Results for
Soil Alternatives: PCBs (Total)
Riverside Industrial Park Superfund Site
Essex County, New Jersey

0 100 200 Feet



Area	SqFt	Acres
Benzene-1	5,206.38	0.12
Benzene-2	5,205.43	0.12



- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial Action
- RI Soil Boring
 - Historical Sample
 - Non-Detect
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS",
<http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

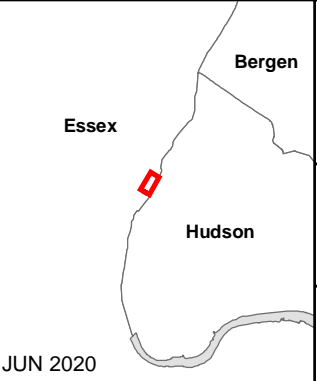




Figure A-9

Site-Wide Soil Sampling Results for
Soil Alternatives: Benzene
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger

0100200

Feet



bing

- Structure

 - Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound
- Study Area

 - Parcel (Newark, Oct 2017)
 - Footprint of Remedial
- RI Soil Boring
 - Historical Sample
 - Non-Detect
 - Detection Below ARAR/PRG
 - Detection Exceeds ARAR/PRG

2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS",
<http://data.ci.newark.nj.us>



Figure A-10
Site-Wide Sampling Results for
Soil Alternatives: Naphthalene
Riverside Industrial Park Superfund Site
Essex County, New Jersey

0 100 200 Feet



Area	SqFt	Acres
VC-1	2,935.72	0.07
VC-2	4,084.71	0.09

- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action
- △ Historical Sample

● RI Soil Boring

■ Detection Exceeds ARAR/PRG

■ Detection Below ARAR/PRG

■ Non-Detect

* RI ARAR Exceedance (nondetect reported at quantitation limit)

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.



Figure A-11

Site-Wide Sampling Results for

Soil Alternatives: Vinyl Chloride

Riverside Industrial Park Superfund Site

Essex County, New Jersey

0 100 200 Feet

